

1989 □ 2

1988 Electricity Statistics

1. Electricity Production

In 1988, the net electricity production in the Community was 1610.5 TWh, i.e. an increase of 2.7% on the 1987 production.

- Conventional thermal production has decreased by 1.7% in comparison to the 1987 figure contributing 53.4% to the total production (55.8% in 1987)
- Nuclear production has gone up by 7.8% in comparison to the 1987 figure, making up 33.9% of total production (32.3 in 1987)
- Hydro production has gone up by 9.5% in comparison to 1987.

2. Electricity Consumption

In 1988, the electricity consumption in the Community was 1632.4 TWh, i.e. it has gone up 2.9% in comparison to the 1987 figure. (The increase in 1987 was 3.2%). In the same period, there was an increase of 3.37% in GNP (+2.65% in 1987). Actually, all member countries have shown an increase in electricity consumption ranging from 1.3% (Denmark, France) to 10.2% (Luxembourg) in 1988.

3. Electricity Imports/Exports

In 1988, the total electricity imports in the Community were 21.9 TWh, i.e. 1.3% of the total electricity consumption.

ELEKTRIZITÄT

Vorläufige Angaben 1988

ELECTRICAL ENERGY

Provisional Data for 1988

ENERGIE ELECTRIQUE

Données provisoires 1988

TWh (10⁹ kWh)

	EUR 12	B	DK	D	GR	E	F	IRL	I	L	NL	P	UK
GESAMT-NETTOERZEUGUNG													
TOTAL NET PRODUCTION													
PRODUCTION TOTALE NETTE													
1986	1523.7	55.5	28.8	383.4	26.1	122.5	346.3	11.9	182.6	1.0	64.6	19.5	281.5
1987	1567.6	60.0	27.5	392.7	27.9	126.8	360.7	12.2	190.9	1.0	66.1	19.3	282.5
1988	1610.5	61.9	24.9	404.7	29.9	133.8	372.4	12.5	193.0	1.3	66.1	21.6	288.4
1987/86	+2.9%	+8.1%	-4.4%	+2.4%	+6.6%	+3.5%	+4.2%	+2.8%	+4.5%	+1.5%	+2.4%	-1.0%	+0.3%
1988/87	+2.7%	+3.2%	-9.5%	+3.1%	+7.3%	+5.5%	+3.2%	+1.8%	+1.1%	+31.2%	+0.0%	+11.6%	+2.1%

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HERKÖMLICHE WÄRMETRAKFTWERKE

CONVENTIONAL THERMAL

THERMIQUE CLASSIQUE

1986	853.5	16.8	28.6	251.9	22.8	59.7	40.4	10.6	127.6	0.5	60.6	11.1	222.8
1987	875.0	18.8	27.3	248.6	24.9	59.5	37.2	11.1	145.9	0.5	62.8	10.3	228.1
1988	860.5	20.2	24.6	246.5	27.4	49.8	34.8	11.3	147.3	0.5	62.6	9.5	226.0
1987/86	+2.5%	+11.6%	-4.6%	-1.3%	+9.3%	-0.3%	-8.1%	+4.6%	+14.4%	-1.5%	+3.5%	-7.5%	+2.4%
1988/87	-1.7%	+7.7%	-9.8%	-0.9%	+10.1%	-16.4%	-6.4%	+1.1%	+0.9%	+8.8%	-0.2%	-7.9%	-0.9%

KERNENERGIE

NUCLEAR

NUCLEAIRE

1986	491.9	37.3	-	113.2	-	35.8	241.4	-	8.4	-	4.0	-	51.8
1987	506.1	39.8	-	123.7	-	39.6	251.5	-	0.0	-	3.4	-	48.2
1988	545.8	40.6	-	137.8	-	48.3	260.2	-	-0.1	-	3.5	-	55.5
1987/86	+2.9%	+6.6%		+9.2%		+10.6%	+4.2%		-99.4%		-15.2%		-6.9%
1988/87	+7.8%	+2.0%		+11.4%		+22.2%	+3.5%		-		+3.2%		+15.2%

WASSERKRAFT + ERDWÄRME

HYDROELECTRIC + GEOTHERMAL

HYDRAULIQUE + GEOTHERMIQUE

1986	178.2	1.4	0.0	18.3	3.3	27.0	64.4	1.3	46.6	0.5	0.0	8.4	6.9
1987	186.2	1.5	0.0	20.3	3.0	27.7	72.1	1.1	44.9	0.5	0.0	9.0	6.1
1988	203.9	1.1	0.0	20.4	2.5	35.7	77.4	1.2	45.8	0.8	0.0	12.1	6.9
1987/86	+4.5%	+5.1%	0.0	+11.2%	-11.5%	+2.5%	+11.9	-11.8%	-3.7%	+4.3%	-66.7%	7.7%	-11.0%
1988/87	+9.5%	-22.5%	0.0	+0.3%	-16.6%	+28.8%	+7.4%	+8.5%	+2.0%	+50.2%	0.0%	33.7%	+13.0%

BEITRAG ZUR ELEKTRIZITÄTS-
ERZEUGUNG NACH HERKUNFT IN % (1988)PER CENT CONTRIBUTION OF SOURCES
IN ELECTRICITY PRODUCTION (1988)CONTRIBUTION A LA PRODUCTION
D'ELECTRICITE PAR SOURCES (en pourcent 1988)

HERKÖMLICHE WÄRMETRAKFTWERKE

CONVENTIONAL THERMAL

THERMIQUE CLASSIQUE

	53.4	32.7	98.9	60.9	91.8	37.2	9.3	90.4	76.3	38.0	94.7	43.9	78.3
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KERNENERGIE

NUCLEAR

NUCLEAIRE

	33.9	65.5	0.0	34.0	0.0	36.1	69.9	0.0	0.0	0.0	5.2	0.0	19.3
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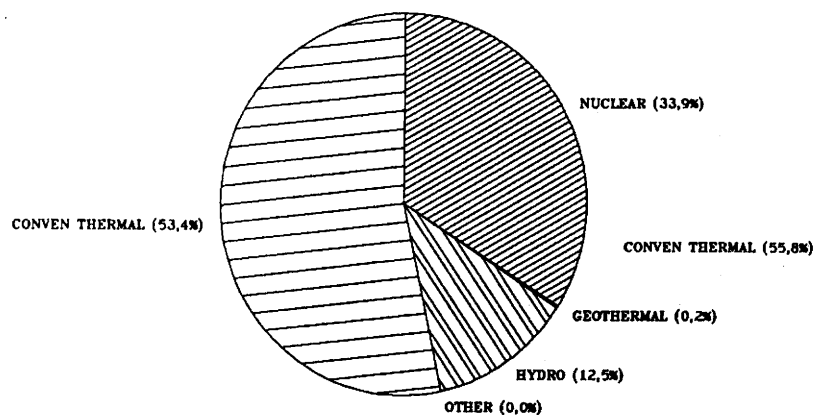
WASSERKRAFT + ERDWÄRME

HYDROELECTRIC + GEOTHERMAL

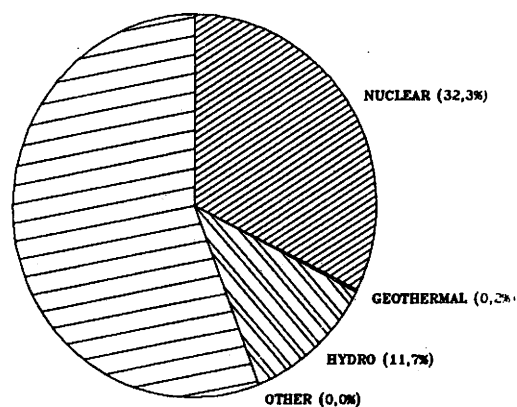
HYDRAULIQUE + GEOTHERMIQUE

	12.7	1.8	0.1	5.0	8.2	26.6	20.8	9.6	23.7	62.0	0.0	56.1	2.4
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NET ELECTRICITY PRODUCTION
COMMUNITY 1988



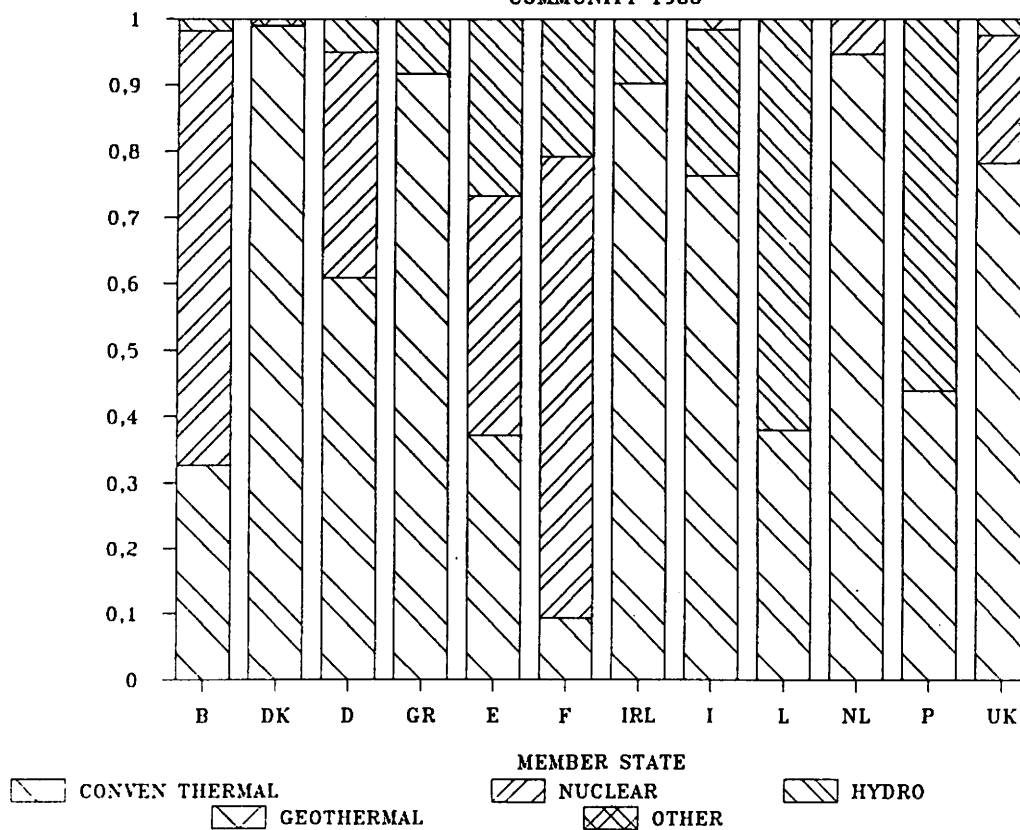
NET ELECTRICITY PRODUCTION
COMMUNITY 1987



ELECTRICITY PRODUCTION BY SOURCE

COMMUNITY 1988

FRACTIONAL CONTRIBUTION



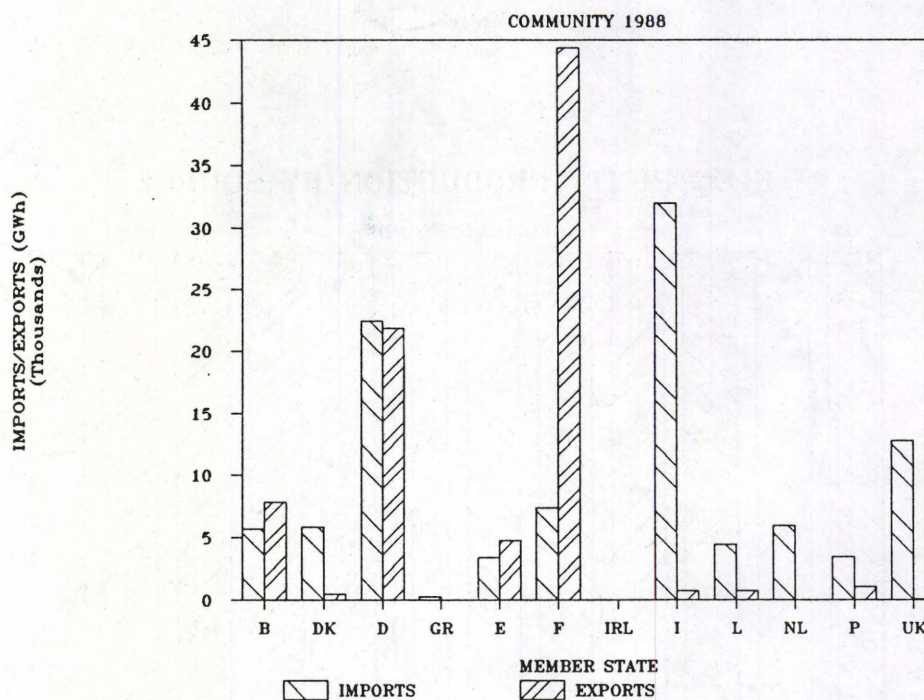
TWh (10^9 kWh)

	EUR 12	B	DK	D	GR	E	F	IRL	I	L	NL	P	UK
VERBRAUCH*	CONSUMPTION*												
1986	1537.3	55.3	28.9	388.7	27.4	121.3	320.8	11.9	204.7	4.5	66.8	21.4	285.7
1987	1586.1	57.9	29.9	396.5	28.5	125.3	331.1	12.2	214.0	4.5	69.8	22.3	294.1
1988	1632.4	59.8	30.3	405.3	30.1	132.4	335.4	12.5	224.2	5.0	72.1	23.9	301.3
1987/86	+3.2%	+4.7%	+3.7%	+2.0%	+4.0%	+3.3%	+3.2%	+2.8%	+4.6%	+1.9%	+4.5%	+4.5%	+2.9%
1988/87	+2.9%	+3.3%	+1.3%	+2.2%	+5.7%	+5.7%	+1.3%	+1.8%	+4.8%	+10.2%	+3.3%	+7.2%	+2.4%

* einschliesslich der Netzverluste und des Verbrauchs der Pumpspeicherwerke/includes grid losses and pumping consumption/
compris les pertes de réseaux et la consommation de pompage

NETTO-EINFUHRN(+)/AUSFUHRN(-) VON ELEKTRIZITÄT					NET ELECTRICITY IMPORTS(+)/EXPORTS(-)					IMPORTATIONS(+)/EXPORTATIONS NETTES D'ELECTRICITE				
1986	+13.6	-0.2	+0.1	+5.3	+1.3	-1.3	-25.5	0.0	+22.1	+3.5	+2.2	+1.9	+4.3	
1987	+18.5	-2.1	+2.4	+3.8	+0.6	-1.5	-29.7	0.0	+23.1	+3.6	+3.6	+3.0	+11.6	
1988	+21.9	-2.1	+5.4	+0.6	+0.2	-1.3	-37.0	0.0	+31.2	+3.7	+6.0	+2.4	+12.8	

ELECTRICITY IMPORTS/EXPORTS



Bei der Einfuhrangabe für Griechenland handelt es sich um die Nettoeinfuhr/For Greece indicated imports is the net import/La donnée indiquée pour la Grèce est l'importation nette